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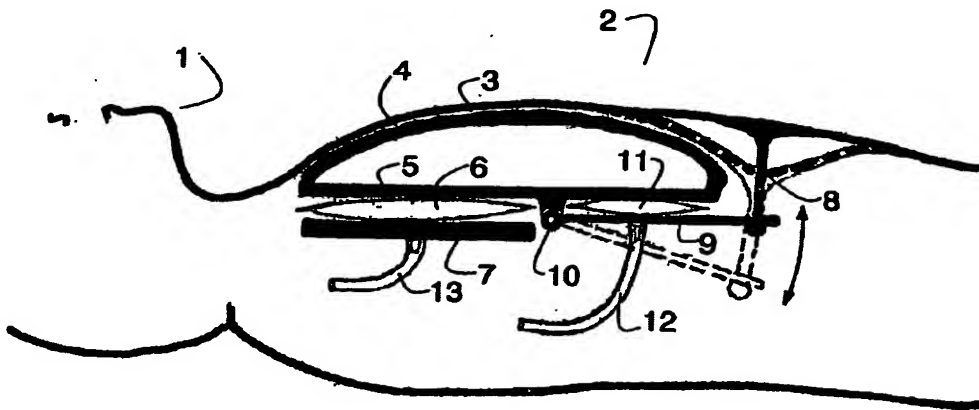
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(54) Title: **MEDICAL PATIENT SIMULATOR**



(57) Abstract: Medical patient simulator comprising a torso (2) that contains an artificial lung (6), a chest skin (3) and means (8, 9) for pulling the chest skin (3) downward in an area corresponding with an area where such retractions occur on a human being. The simulator also provides for changes in the compliance of the lung (6). The lung (6) is situated between two plates (5, 7), the spacing of which can be adjusted. The torso (2) has one actuator (23, 24) on each side of the back to simulate muscular activity. It includes a system for control of pneumatic functions by measuring a representative pressure for each actuator and stopping the filling when a pre-set pressure is reached. It also includes a head with one or more air cushions in a fontanelle area on the head, which may be filled with air to simulate an increased pressure in the brain.